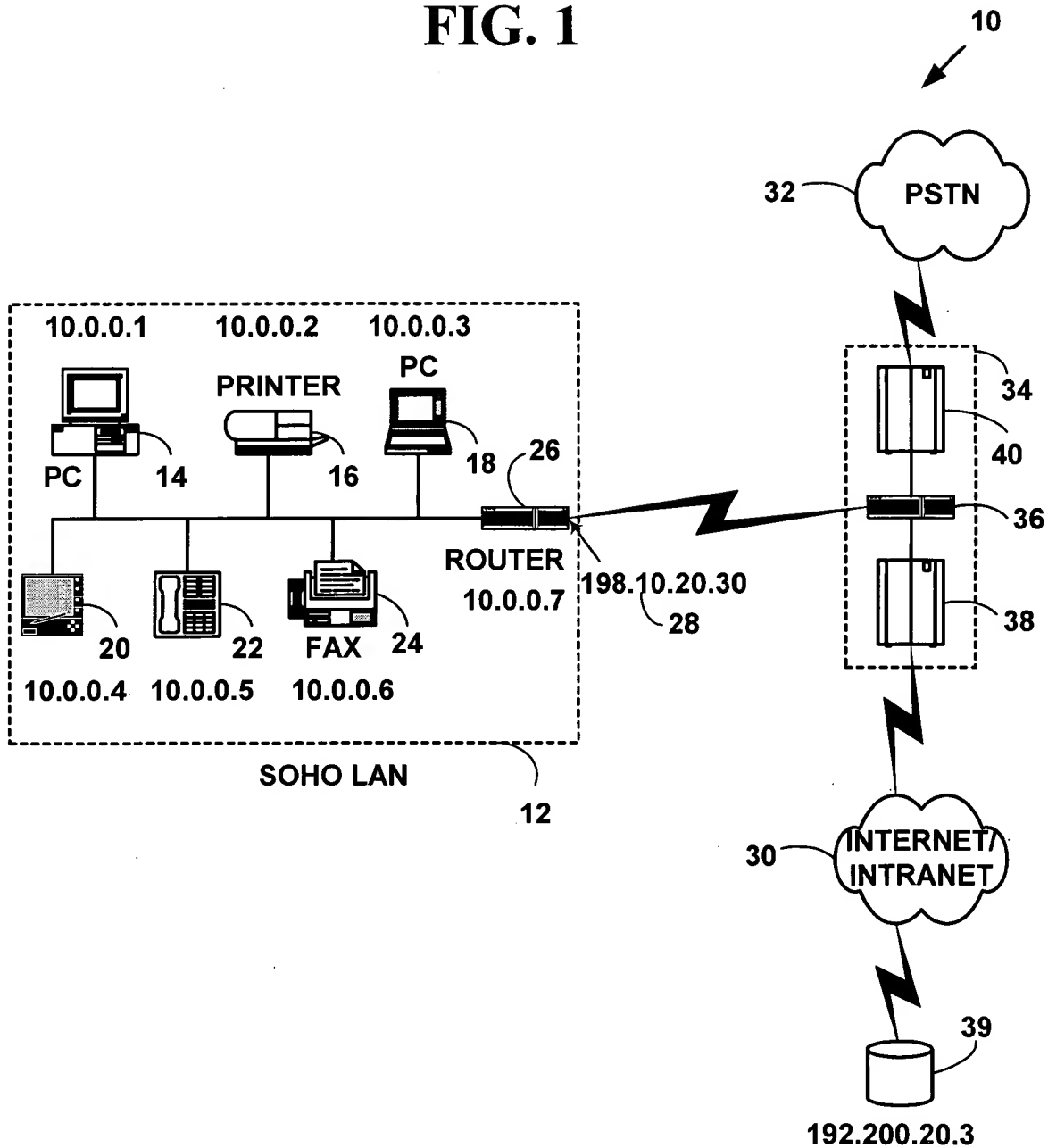


APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

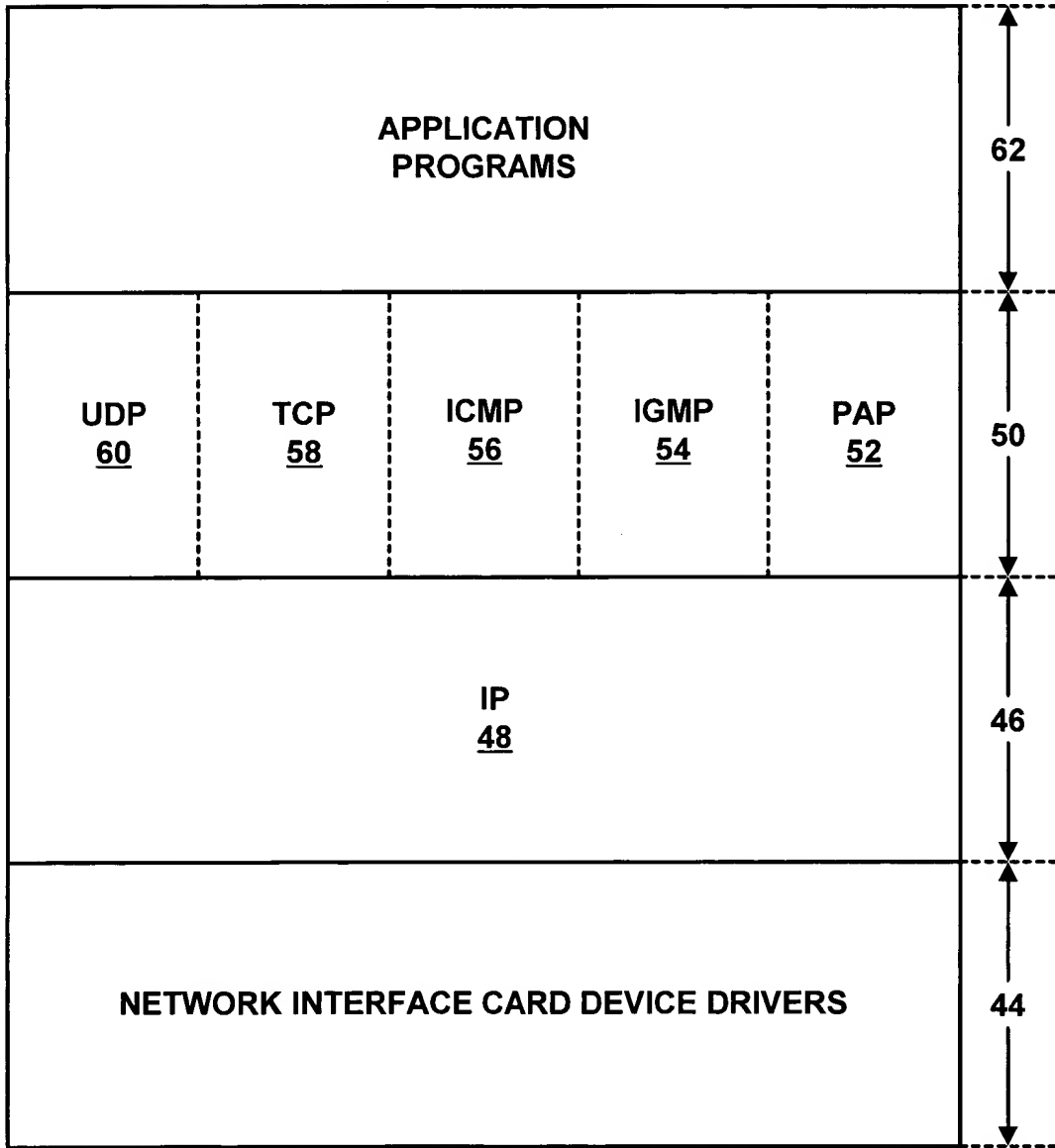
FIG. 1



657097-03799

**FIG. 2**  
**PROTOCOL STACK**

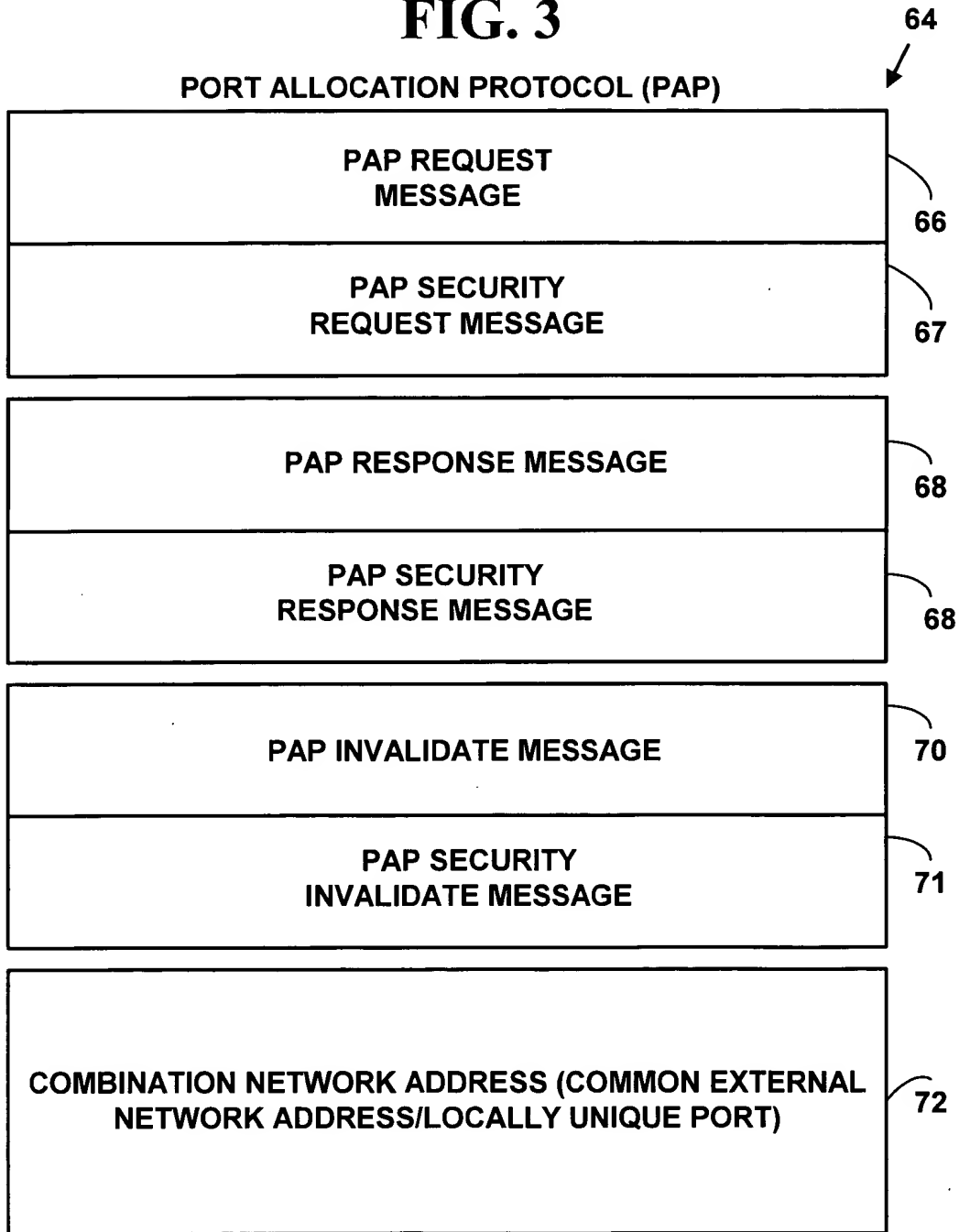
42  
↙



662FE0" 29502260

## FIG. 3

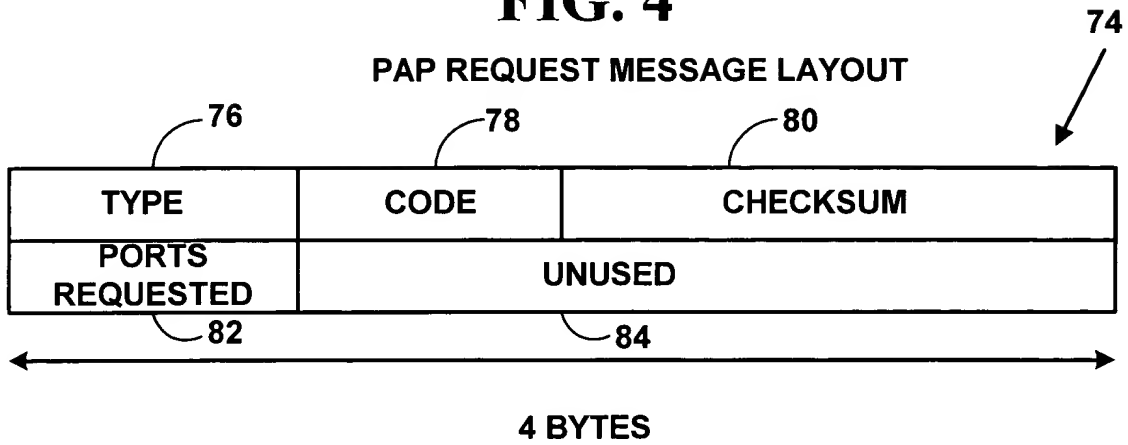
### PORT ALLOCATION PROTOCOL (PAP)



6527097.0199

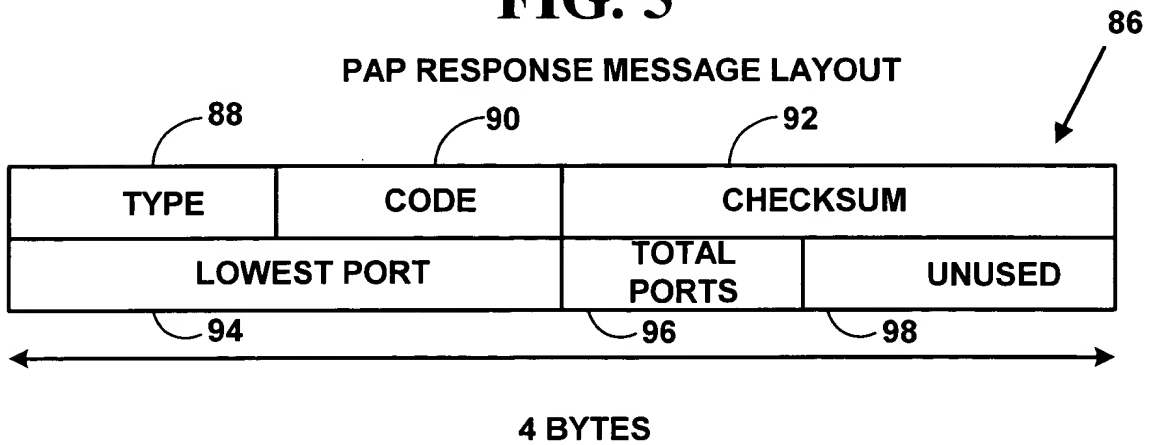
# FIG. 4

## PAP REQUEST MESSAGE LAYOUT



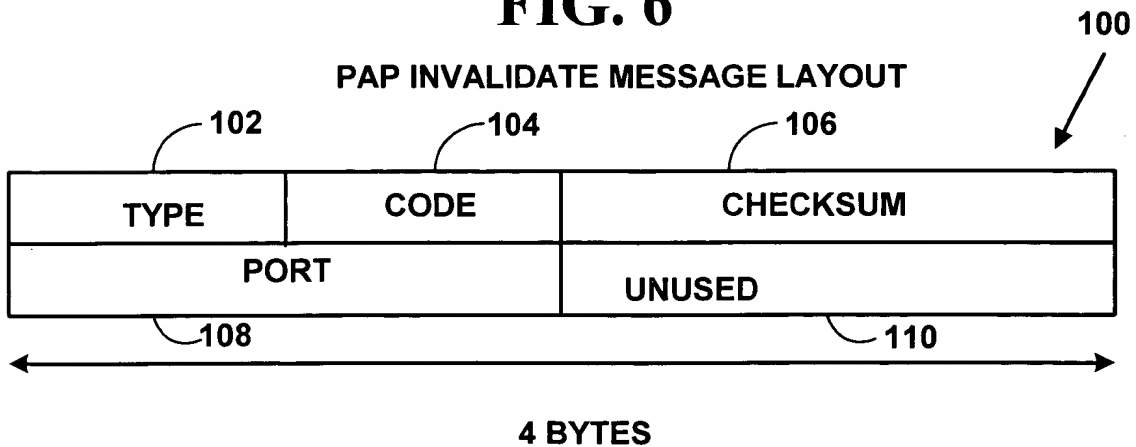
# FIG. 5

## PAP RESPONSE MESSAGE LAYOUT



# FIG. 6

## PAP INVALIDATE MESSAGE LAYOUT



6627ED-29602260

FIG. 4A

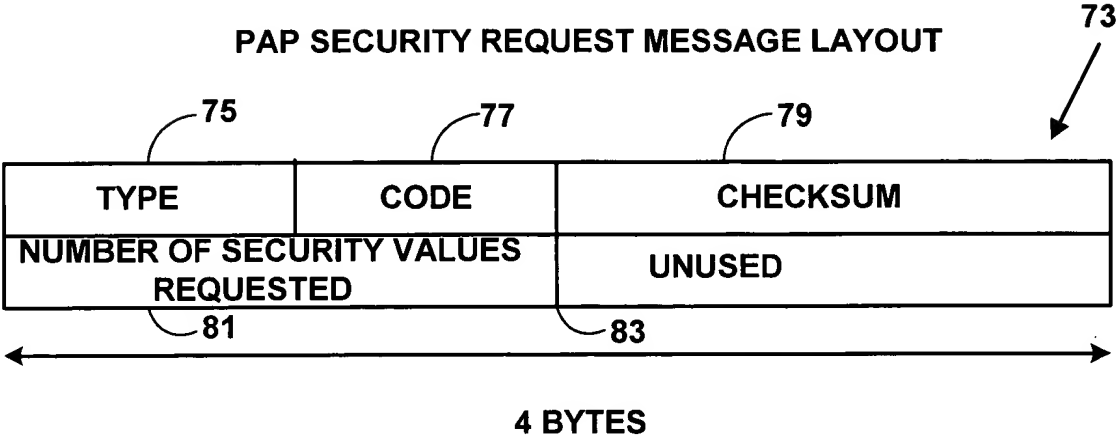


FIG. 5A

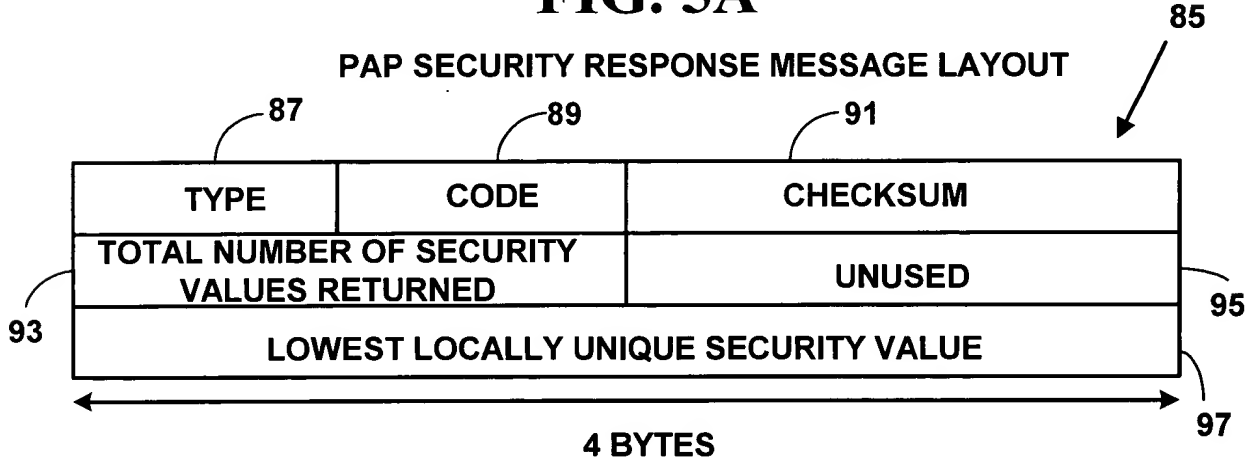
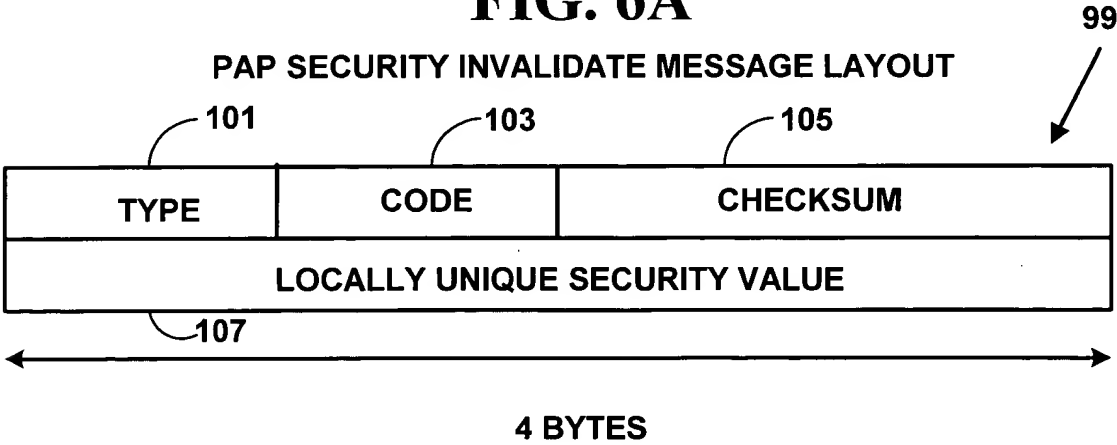


FIG. 6A



# FIG. 7

114 COMBINATION NETWORK ADDRESS 116

112

EXTERNAL NETWORK ADDRESS (E.G., EXTERNAL IP ADDRESS)	LOCALLY UNIQUE PORT
198.10.20.30	1032

# FIG. 8

120 122 124

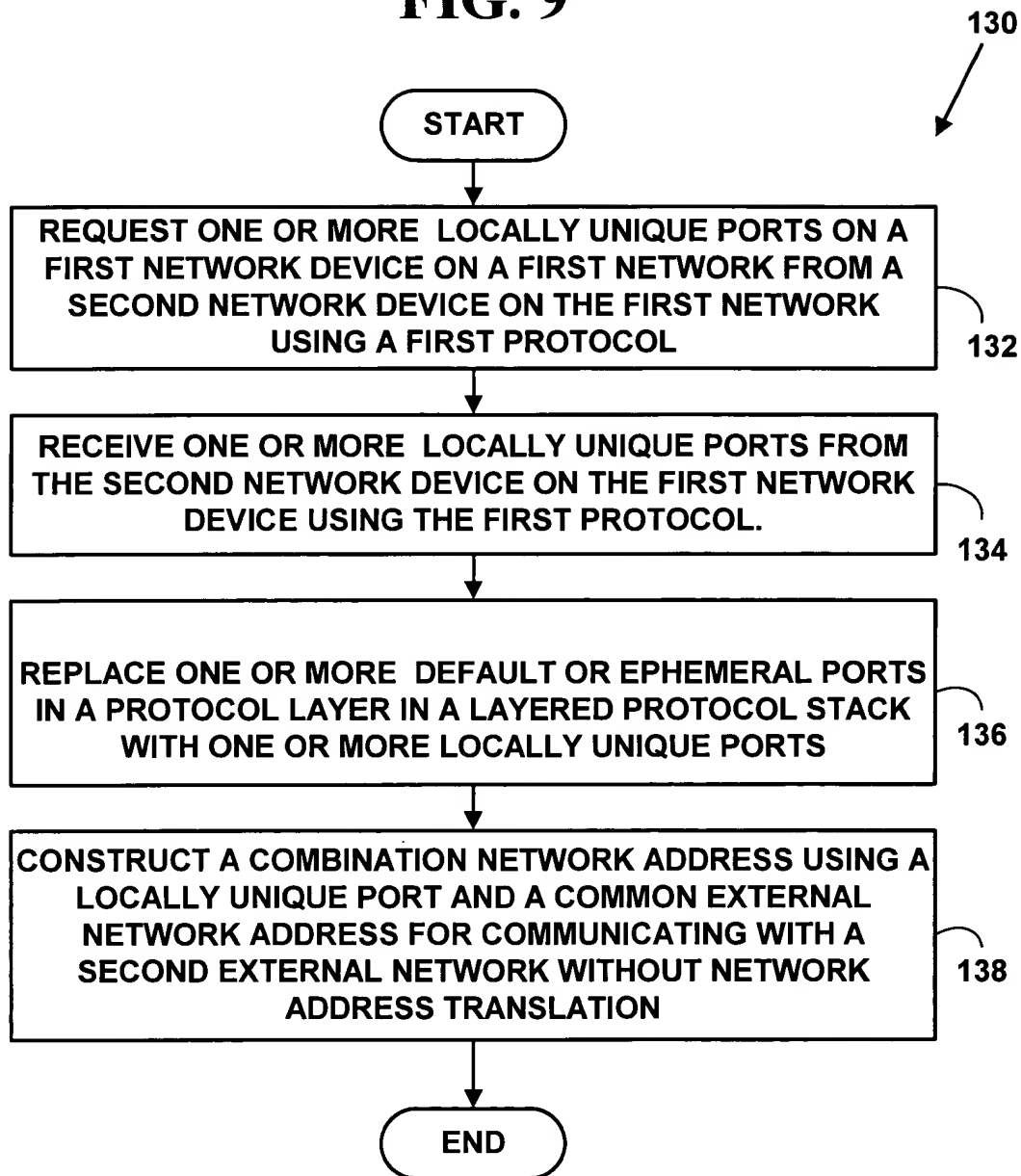
118

INTERNAL NETWORK ADDRESS	LOWEST PORT	NUMBER OF PORTS
10.0.0.1	1027	32
10.0.0.3	1058	16

126 128

PORT-TO-INTERNAL-NETWORK  
ADDRESS TABLE

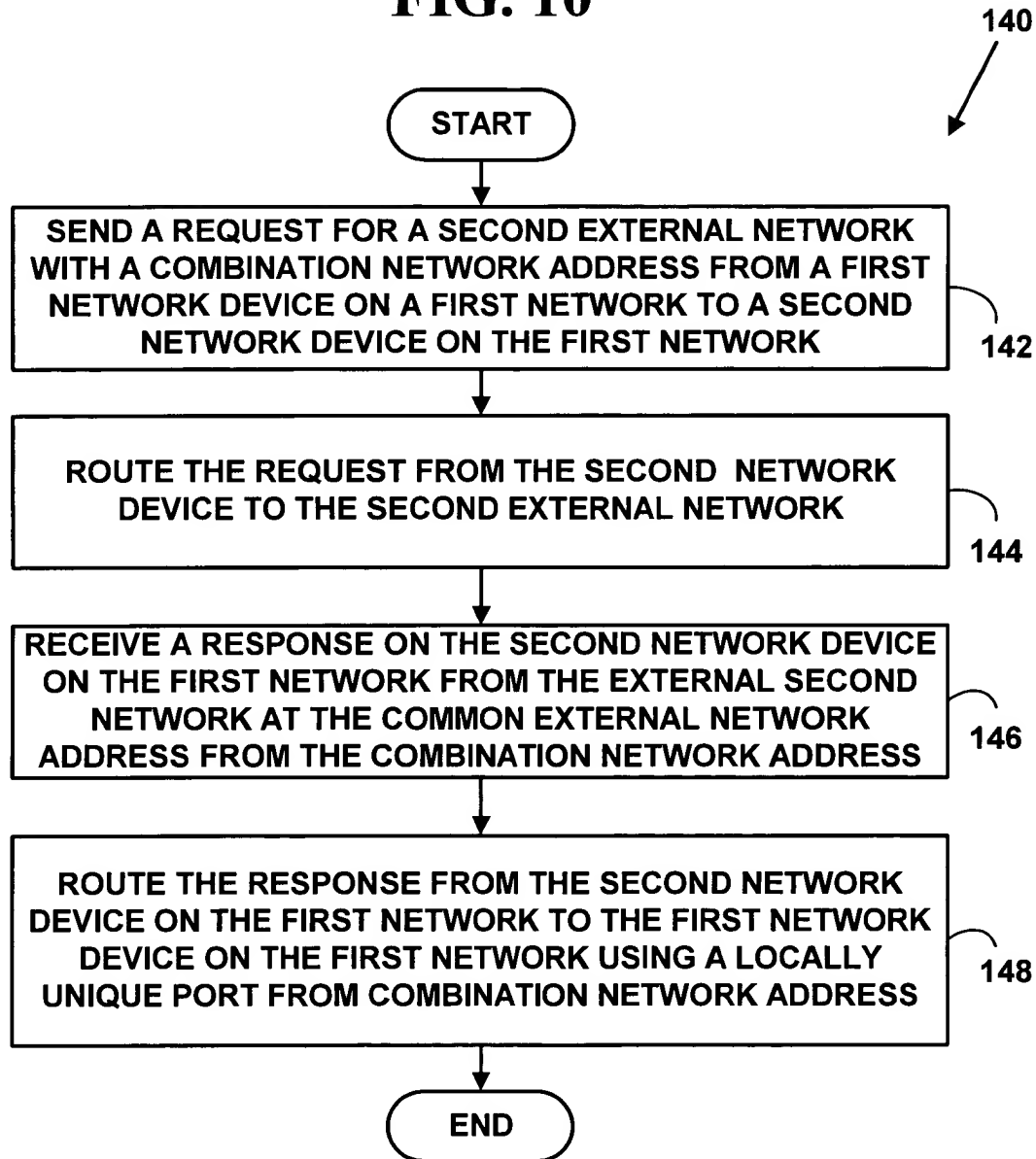
**FIG. 9**



06270967-031790

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

**FIG. 10**



03170967-03170967



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

**FIG. 11**  
SOURCE PORT TRANSLATION TABLE  
(SPTT)

**FIG. 11**  
**SOURCE PORT TRANSLATION TABLE (SPTT)**

<b>DEFAULT PORT</b>	<b>TRANSLATED PORT</b>
<b>PROTOCOL</b>	<b>TIMESTAMP</b>

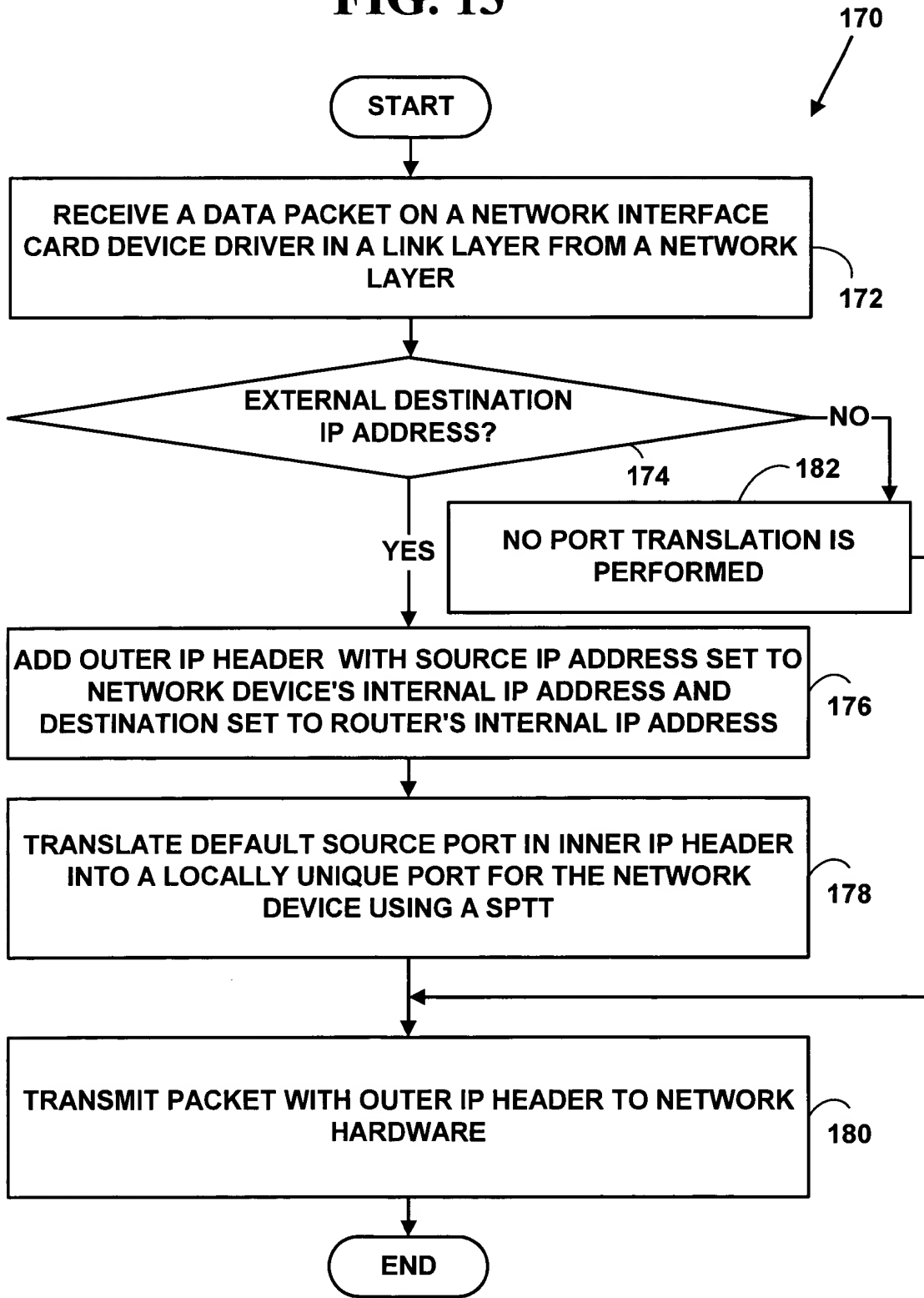
**FIG. 12**  
IP ADDRESS TRANSLATION TABLE  
(IPATT)

**FIG. 12**  
**IP ADDRESS TRANSLATION TABLE**  
**(IPATT)**

<b>DESTINATION PORT</b>	<b>INTERNAL DESTINATION IP ADDRESS</b>
<b>PROTOCOL</b>	<b>TIMESTAMP</b>

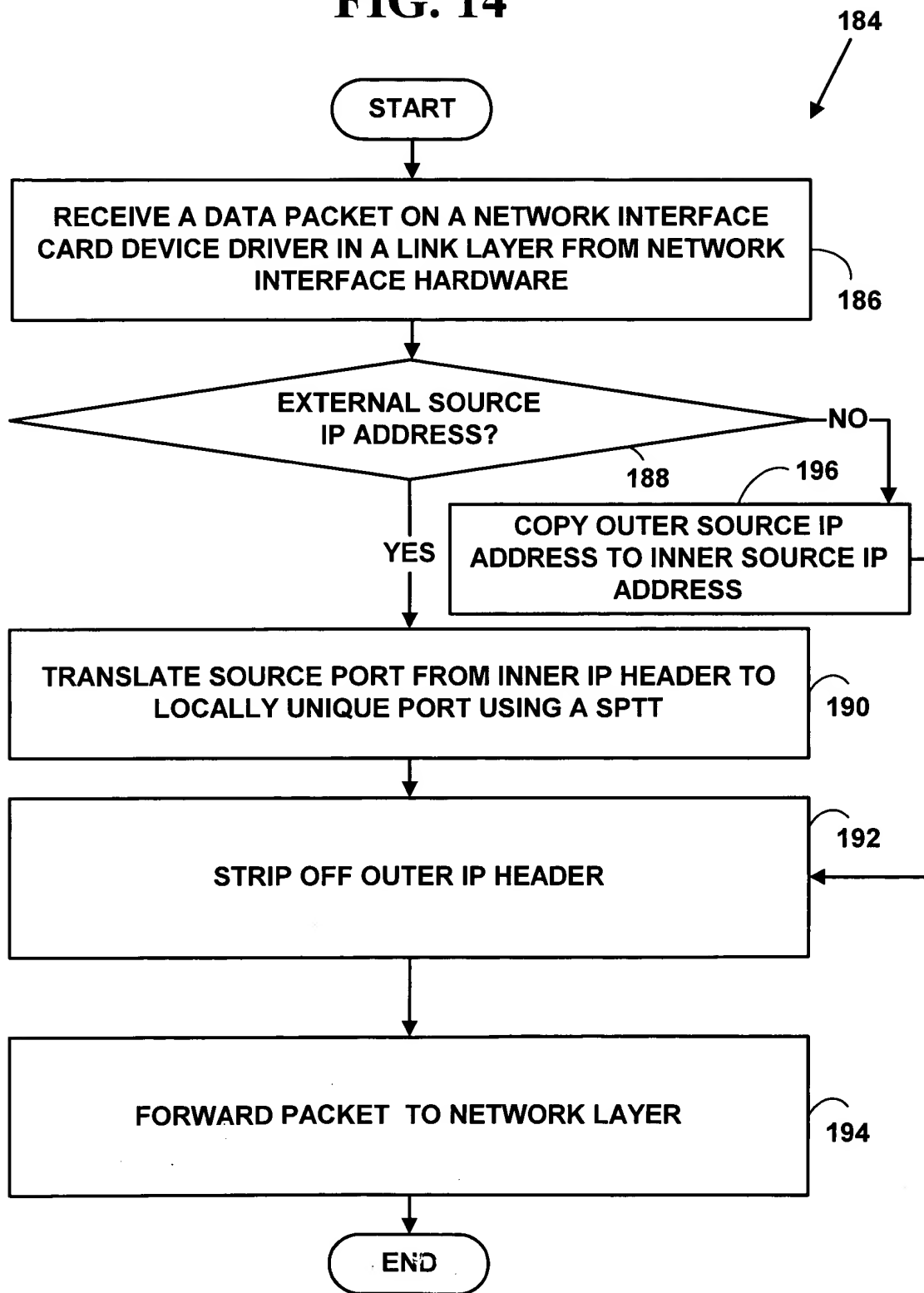
6627ED" 2960260

FIG. 13



6627ED 2960260

**FIG. 14**



09270967-03499

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG. 15

200  
↙

IP HEADER FORMAT

VER <u>202</u>	IHL <u>204</u>	TOS <u>206</u>	TOTAL LENGTH <u>208</u>
IDENTIFICATION <u>210</u>			FRAGMENT OFFSET <u>212</u>
TIME-TO-LIVE <u>214</u>	PROTOCOL <u>216</u>		HEADER CHECKSUM <u>218</u>
SOURCE ADDRESS <u>220</u>			
DESTINATION ADDRESS <u>222</u>			
OPTIONS <u>224</u>			

66270967-031799

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG. 16

AH HEADER FORMAT

226



NEXT HEADER <u>228</u>	PAYLOAD LENGTH <u>230</u>	RESERVED <u>232</u>
SECURITY PARAMETER INDEX ("SPI") <u>234</u>		
SEQUENCE NUMBER FIELD <u>236</u>		
AUTHENTICATION DATA <u>238</u>		

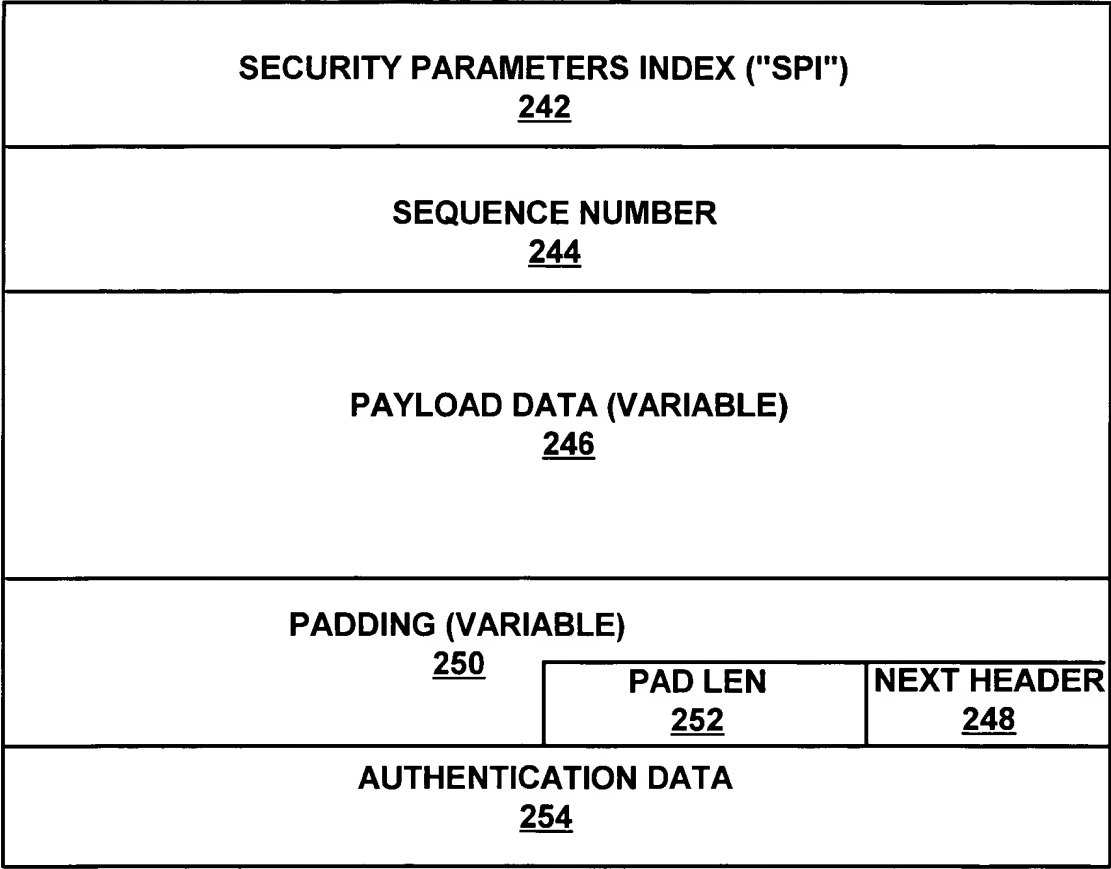
6621ED-29602250

FIG. 17

240

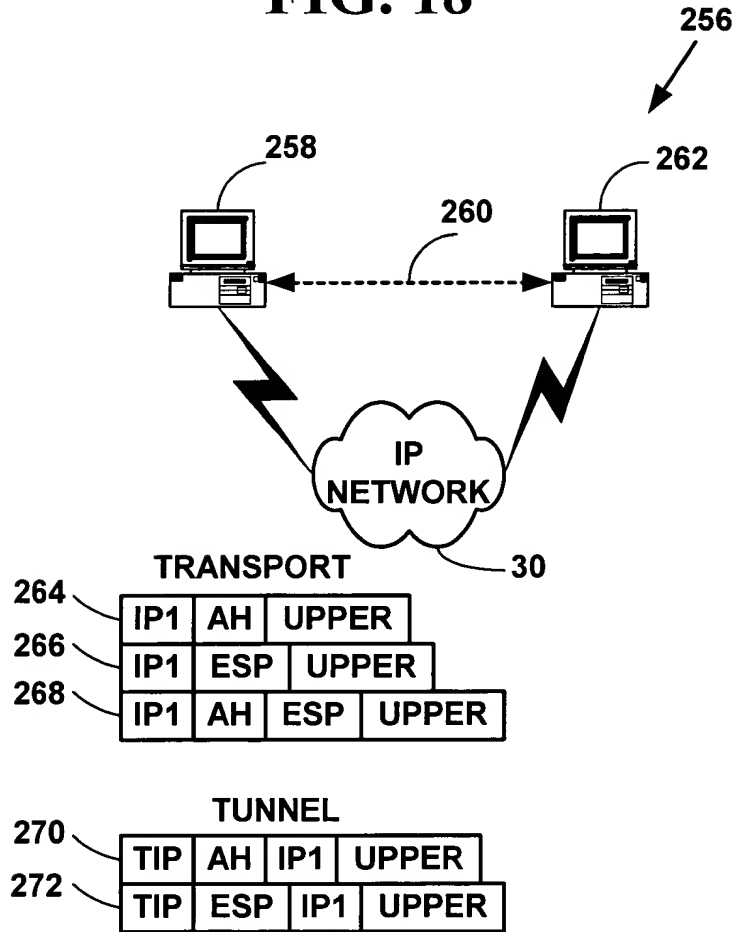


ESP HEADER FORMAT



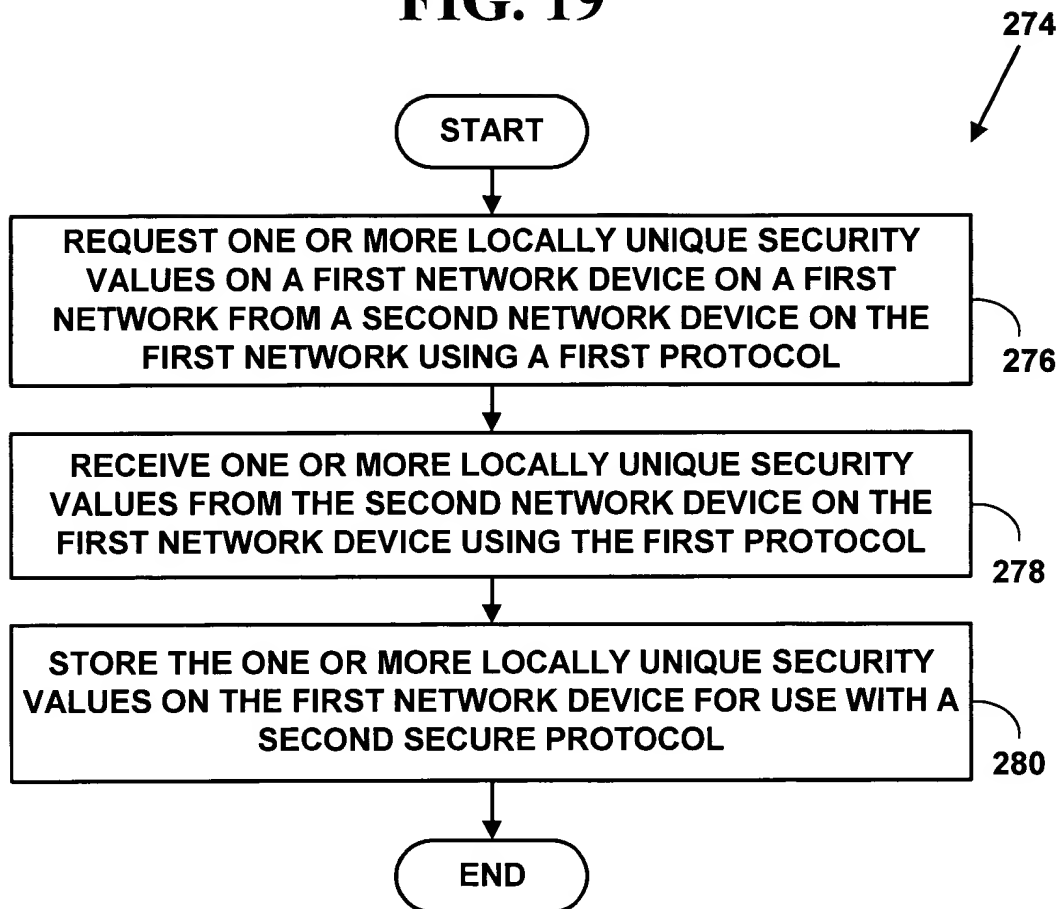
09270967-031799

FIG. 18



6627E0" 29602260

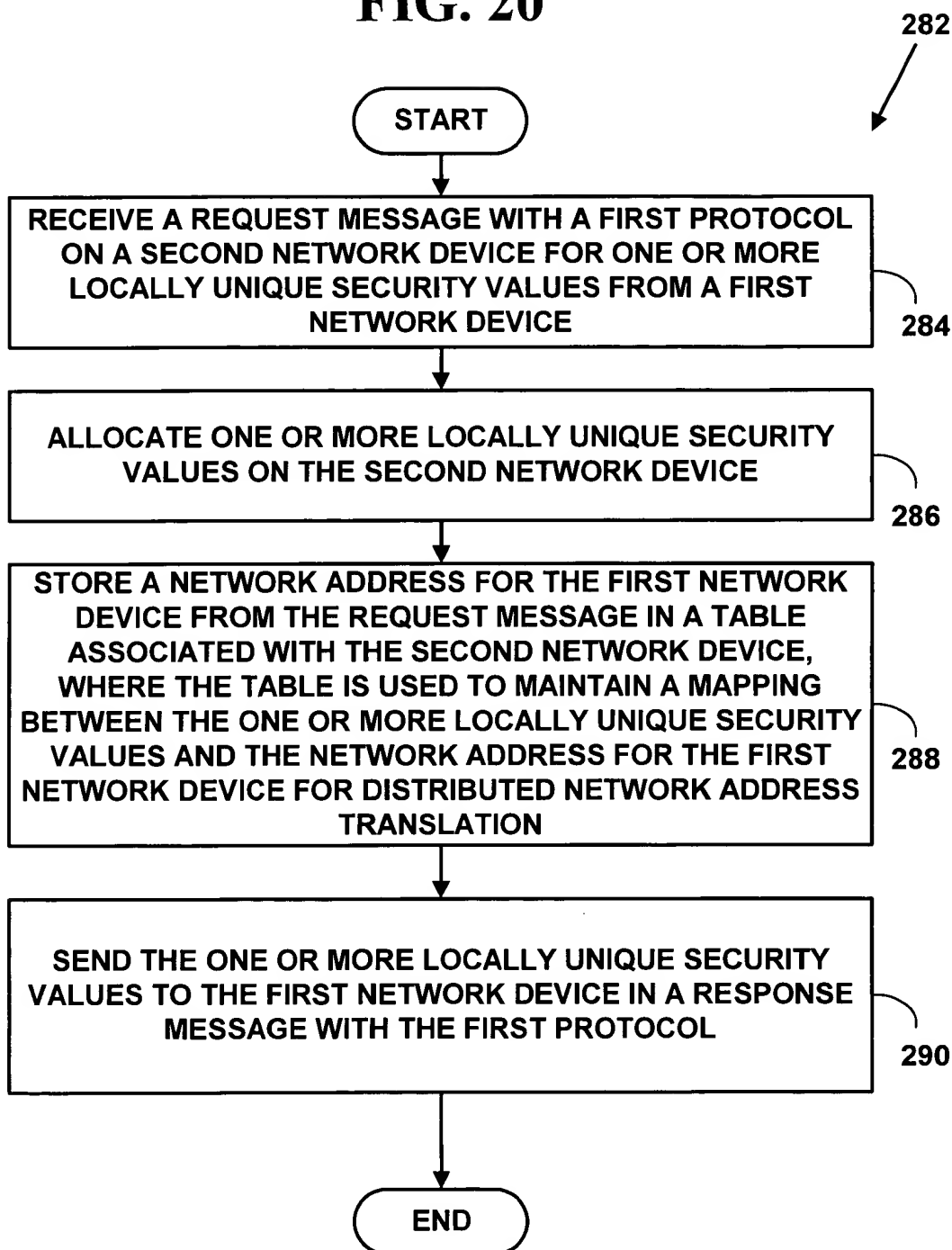
**FIG. 19**



6627ED 2960260



**FIG. 20**



6527E3" 2960268

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

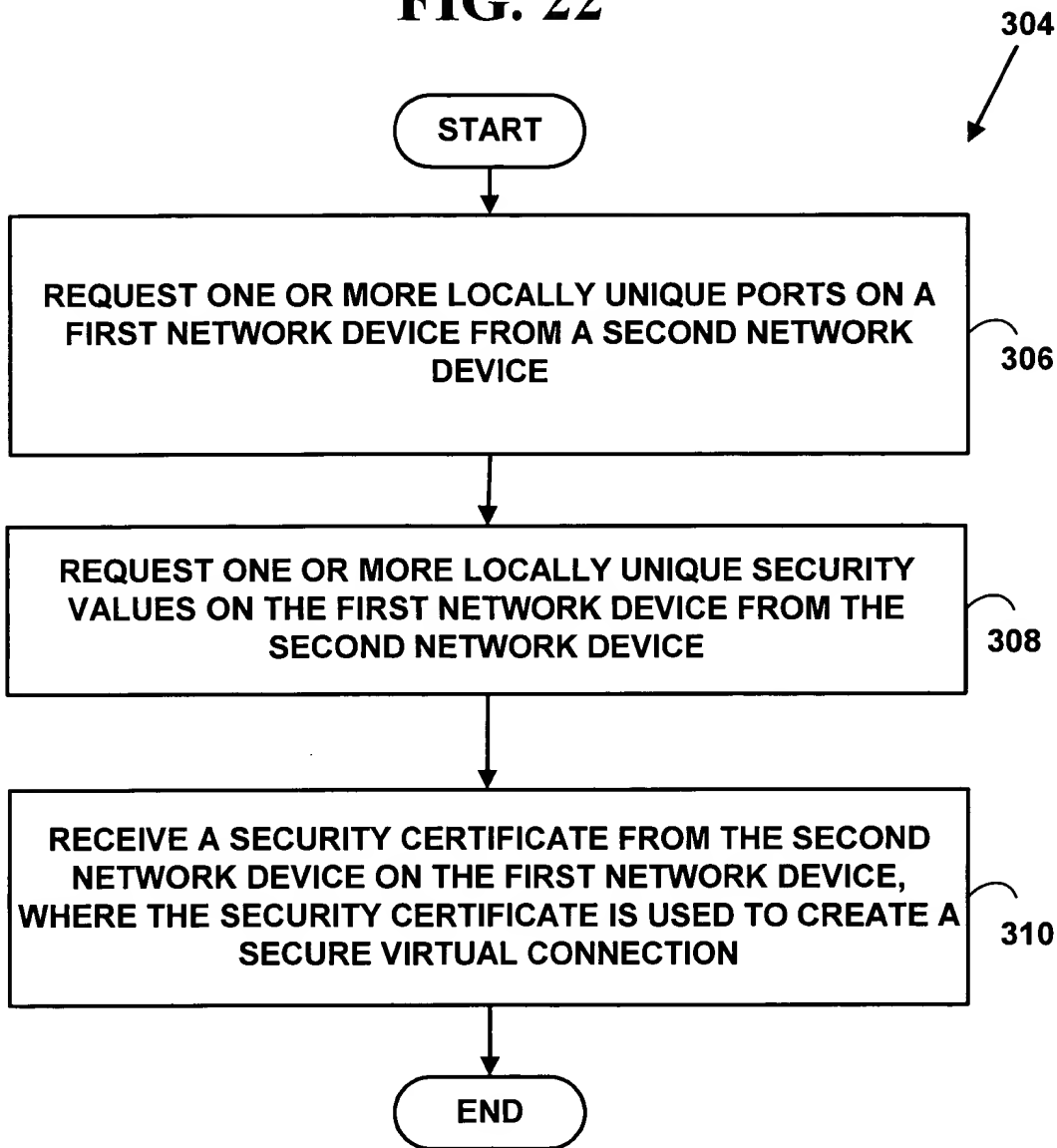
**FIG. 21**

<div> <div>294</div> <div>296</div> <div>298</div> </div>			292
INTERNAL NETWORK ADDRESS	LOWEST SPI	NUMBER OF SPIs	
10.0.0.1	280	32	300
10.0.0.3	312	16	302

**SPI-TO-INTERNAL-NETWORK ADDRESS  
TABLE**

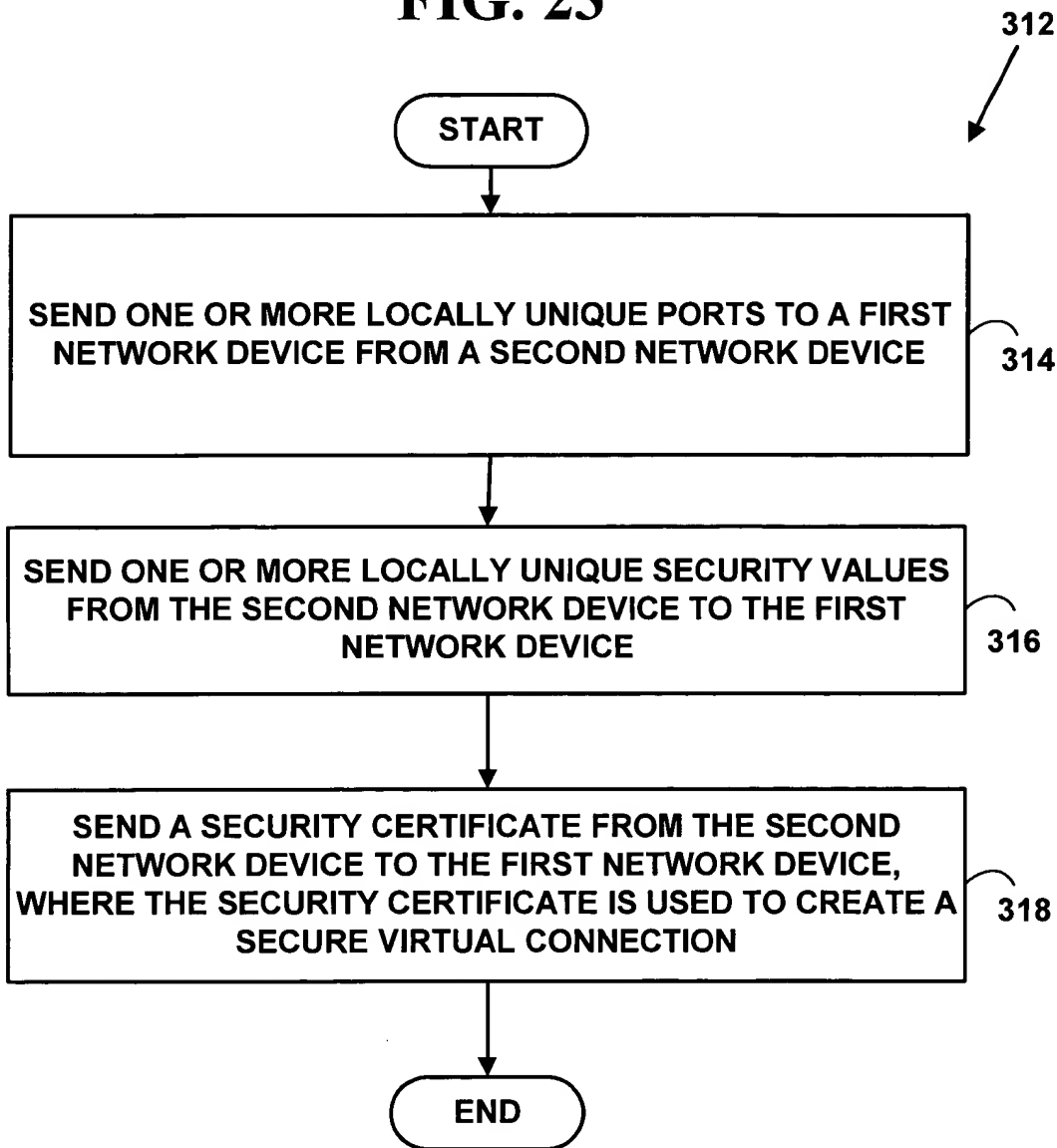
6627E0-2960260

**FIG. 22**



6627ED" 29602260

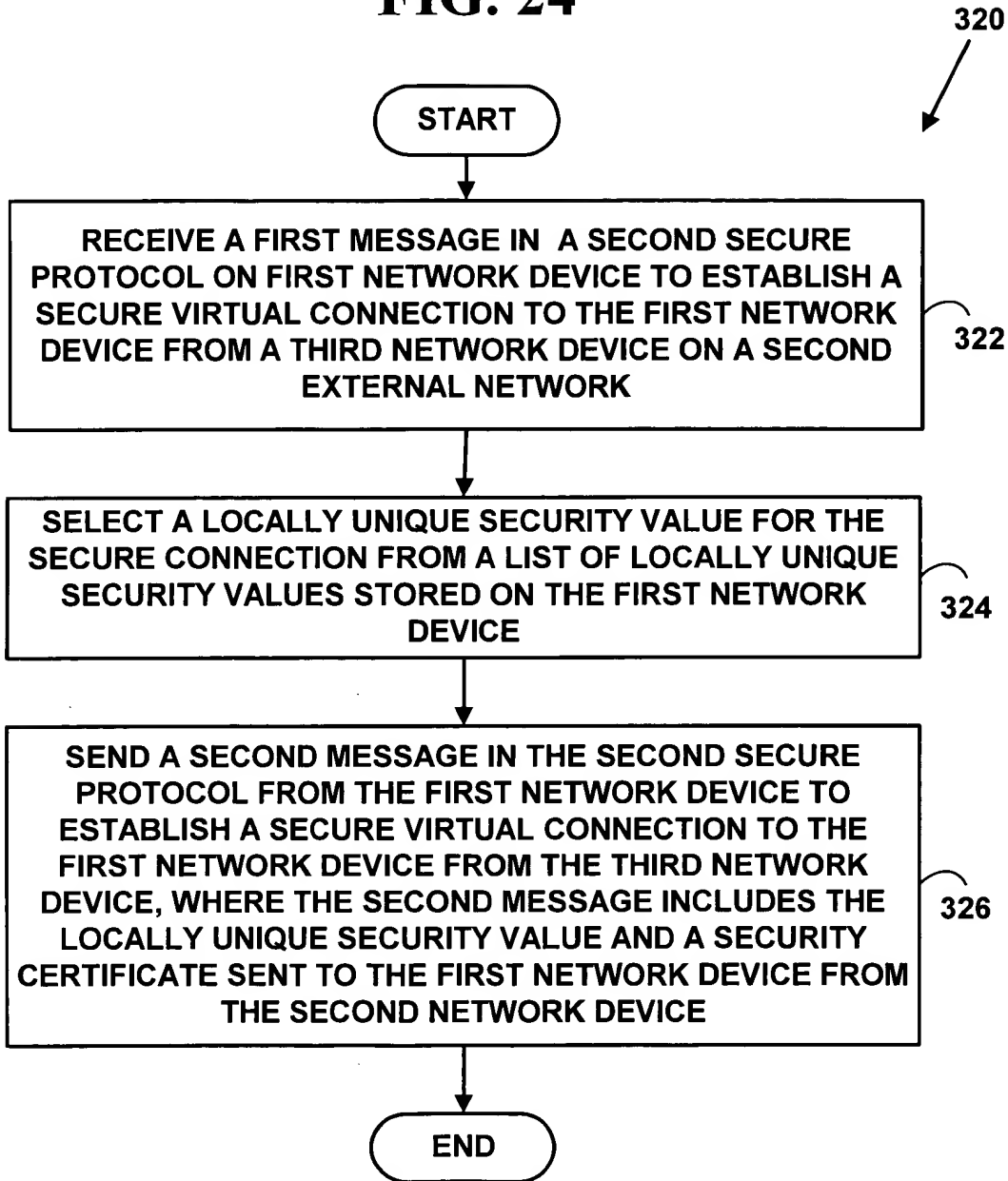
**FIG. 23**



6627ED 2960260

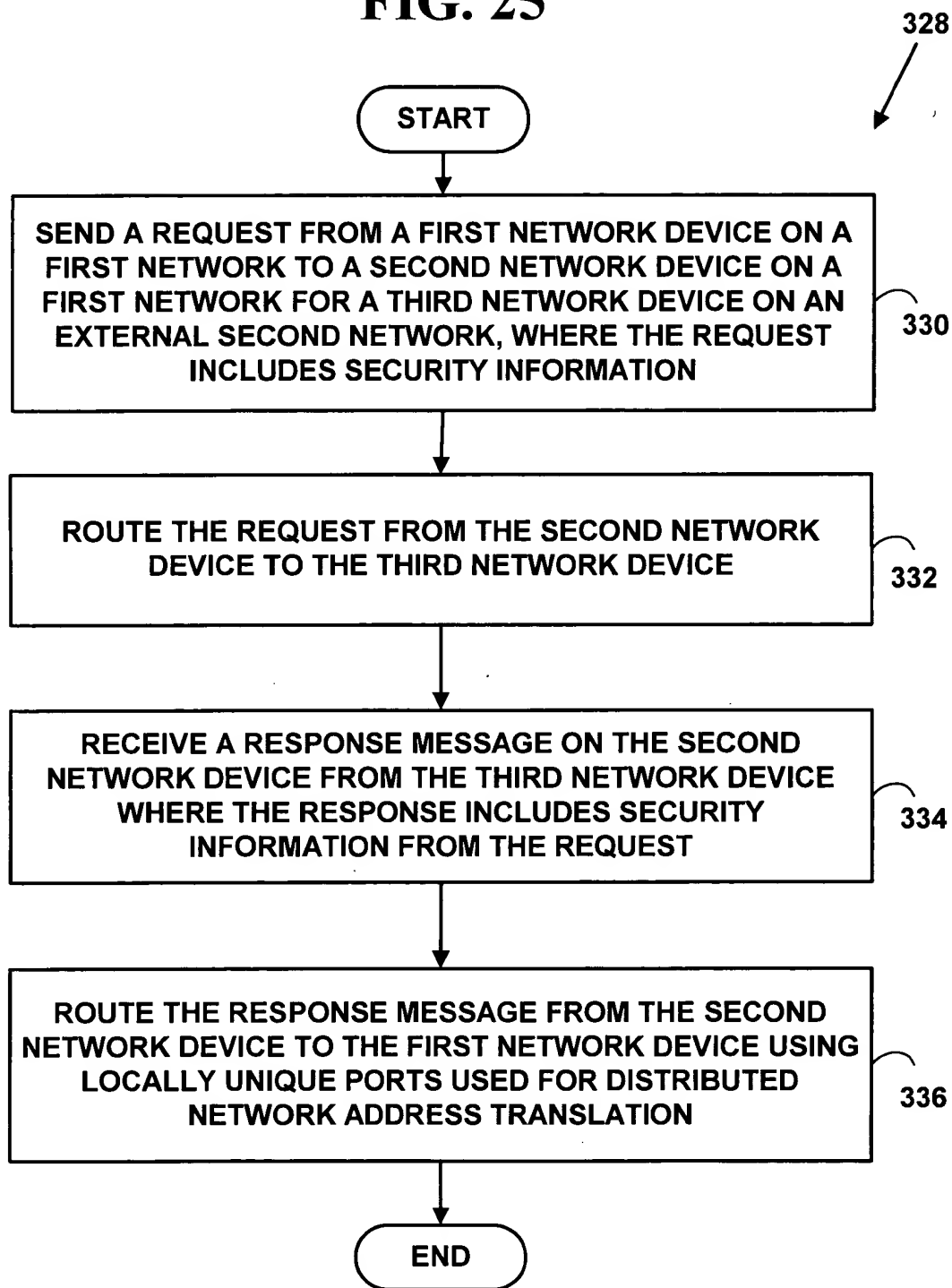
APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

**FIG. 24**



09/06/2009 09:00:00

**FIG. 25**



66270967-031799